

Aperture Questions

1. What number f stop does a large aperture hole have?

A large aperture hole has an f stop of 2.8.

2. What type of aperture hole does f 5.6 have?

F 5.6 has an aperture hole that is about small-medium sized.

3. F in “f-stop” also refers to...?

The F in “f-stop” also refers to the focal length.

4. If you want to change the aperture to let in the least amount of light, what would you set the aperture at?

You can set the aperture at f 22.

5. If you want to change the aperture to let in the most amount of light, what would you set the aperture at?

You can set the aperture at f 1.4.

6. The F-stop also determines the “depth of field” or how much depth of the picture will be in focus. Using the picture in the note explain how much of an image will be in focus if you use an F 32?

The whole picture will be in focus if you use f 32.

7. How much of the image will be in focus if you use the aperture of f 1.4?

Just the center of the image (or where the camera lens is directly pointing to) will be in focus while the rest of the image will be blurred.

8. If you want to adjust the shutter speed to capture or freeze something in motion, what would you set the shutter speed at?

You want to have a fast shutter speed (such as 1/500 s) to “freeze” the subjects movement.

9. If you want to adjust the shutter speed to create an image blur, what might you set the shutter speed at?

You want to have a slow shutter speed (such as 1 s) to suggest motion and create a blur.

10. If you have your shutter speed at 1/25 you might consider using a tripod. Why is this?

You might consider using a tripod to avoid camera blur.